

Faculty Personal Information

	P. SRIKANTH 7095229222
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Designation	: Associate Professor
Years of Experience	: 14 Years
Email Id	: Srikanth.pasunuri@gmail.com
Employment Status	: Full Time - Ratified by JNTUH
Areas of Research	:
UG Degree	: B.TECH (Electronics and Communication Engineering)
PG Degree	: M.TECH
Ph.D	: --

Subjects Taught:

- 1. Random Signals & Stochastic Process**
- 2. Signals & Systems**
- 3. Signal Analysis and Transform Techniques**
- 4. Electromagnetic waves & Transmission Lines**
- 5. Digital Signal Processing**
- 6. Electronic Devices & Circuits**
- 7. Principles of Communication**
- 8. Probability Theory & Stochastic Process**
- 9. Electronic Circuit Analysis**
- 10. Wireless Communication & Networks**
- 11. Linear & Digital IC Applications**
- 12. Digital Image Processing**

No. of publications in International journals:

International Journals:

1. Published a Paper on "Internet of Vehicles (IOV) based on Dragon flying Optimizer Clustering algorithm (CAVDO)" in Journal of Wireless Communication, Network and mobile Engineering Technology, Volume: 05, Issue: 1, April – 2020.
2. Published a Paper on "Efficient Majority Logic Fault Detection in Memory Applications with Difference Set Codes" in International Journal of Scientific Engineering and Technology Research (IJSETR), ISSN 2319 – 8885 Volume: 05, Issue: 15, June – 2016.
3. Published a Paper on "Re-Entry Phase of Ballistic Missile Tracking Estimation using Extended Kalman Filtering", International Journal of Research in Signal Processing, Computing & Communication-System Design ISSN: 2395-3187 Volume: 01, Issue: 02, July-December, 2015
4. Published a Paper on "Re-Entry Phase of Ballistic Missile Tracking Estimation using Extended Kalman Filtering", International Journal on Computing, Communications and Systems (IJCCS) ISSN:2277-6699 Vol-4, Issue-2 (December-2015)
5. Published a Paper on "Mobile Nodes and multi hop algorithms in Wireless Sensor Networks for Routing" in the International Journal of Electronics & Computer Technology (IJECT), September 2015, Volume 2 Issue 3, ISSN 2394 – 4900.
6. Published a Paper on "A Survey on Energy Efficient Routing Protocols in Wireless Sensor Networks" in the International Journal of Engineering Technology, Management and Applied Sciences (IJETMAS), April 2015, Volume 3 Issue 4, ISSN 2349-4476.
7. Published a Paper on "Low cost On-Chip Techniques for Electromagnetic Interference (EMI) reduction" in the International Journal of Engineering Technology, Management and Applied Sciences (IJETMAS), May 2015, Volume 3, Issue 5, ISSN 2349-4476.

International Conferences:

1. Participated in fifth International Conference on Transformations in Engineering Education (ICTIEE 2018), Madurai during 8 – 9 January 2018.
2. Participated in fourth International Conference on Transformations in Engineering Education (ICTIEE 2017), Hyderabad during 6 – 8 January 2017.
3. Participated in Global Wireless Summit GWS – 2015, during 13 – 16 December 2015.
4. Presented a Paper in on "Re-Entry Phase of Ballistic Missile Tracking Estimation using Extended Kalman Filtering", in ICCSPCIT – 2015, International Conference organized by Mallareddy College of Engineering & Technology, Hyderabad during 18 – 19, December 2015.

National Conferences:

1. Presented a Paper on "Routing Algorithms for mobile nodes and Multi hop Algorithms in Wireless sensor Networks", in COSMOS-2k11 a National Conference organized by CMR College of Engineering during 8-10 July 2011.
2. Presented a Paper on "A Survey on Greedy Geographic Routing Algorithm in Real

Environment”, in COSMOS-2k11 a National Conference organized by CMR College of Engineering during 8-10 July 2011.

3. Presented a Paper on “Product Reed - Solomon code is an alternate approach for implementing Flash memory”, in COSMOS-2k11 a National Conference organized by CMR College of Engineering during 8-10 July 2011.

Projects guided:

1. B.Tech – 22
2. M.Tech -03

Memberships in Professional Bodies:

1. Life Member of ISTE

Additional Responsibilities in the Department:

1. SPOC of NPTEL/ MOOCS Certifications
2. Member of IQAC Committee
3. Class incharge for III ECE - B